

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|---------------------|
| S1 | 4 | "6144691".pn. "6269075".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:56 |
| S2 | 20 | cdma and (multi adj2 path) adj1 profile | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 14:11 |
| S3 | 17 | S2 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/17 11:51 |
| S4 | 2 | S3 and (transmit or receive) adj1 filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 14:12 |
| S5 | 927 | 375/148.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 14:22 |
| S6 | 91 | S5 and (((multi adj1 path) adj1 profile) (delay adj1 profile) (correlation adj1 profile)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 14:23 |
| S7 | 4 | S6 and (transmit and receive) with filter\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 14:23 |
| S8 | 4 | S7 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:32 |
| S9 | 124 | searcher with ((multi adj1 path adj1 profile) (delay adj1 profile) (correlation adj1 profile)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 14:46 |
| S10 | 103 | S9 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 14:46 |

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| S11 | 4 | S10 and (transmit or receive) adj1 filter\$1 | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 14:47 |
| S12 | 9 | S10 and (((transmit or receive) with filter\$1) (deconvolution)) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:24 |
| S13 | 69 | searcher and ((deconvolution) or inverse with filter) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:25 |
| S14 | 61 | S13 and (@ad<="20031222" or @pd<="20031222") | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:25 |
| S15 | 11 | S14 and (transmit or receive) with filter | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:31 |
| S16 | 13 | ((transmit or receive) with filter) near2 (inverse or deconvolution) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:32 |
| S17 | 11 | S16 and (@ad<="20031222" or @pd<="20031222") | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 16:09 |
| S18 | 457 | 375/348.ccls. | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:48 |
| S19 | 4157 | S18 and (multi adj1 path) (delay) with profile | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:49 |
| S20 | 9 | S18 and ((multi adj1 path) (delay)) with profile | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:49 |
| S21 | 3 | S10 and (inverse adj1 filter or deconvolution) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:54 |

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| S22 | 1818 | (inverse adj1 filter or deconvolution) near2 filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:54 |
| S23 | 1 | (inverse adj1 filter or deconvolution) near2 searcher \$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:55 |
| S24 | 1386 | 375/130.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:57 |
| S25 | 0 | S24 and (searcher or finger\$1) near2 (inverse or deconvolution) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:58 |
| S26 | 78 | 375/137.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:59 |
| S27 | 0 | S26 and (searcher or finger\$1) near2 (inverse or deconvolution) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:59 |
| S28 | 789 | 375/147.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 15:59 |
| S29 | 4 | S28 and (searcher or finger\$1) near2 (inverse or deconvolution) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 16:00 |
| S30 | 0 | 455/506.ccls. and (searcher or finger\$1) near2 (inverse or deconvolution) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 16:01 |
| S31 | 4 | 370/342.ccls. and (searcher or finger\$1) near2 (inverse or deconvolution) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 16:02 |
| S32 | 1750 | (transmit or receive) adj filter \$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 16:02 |

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| S33 | 5711 | (transmit or receive) adj filter \$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 16:02 |
| S34 | 342 | S33 and inverse with (convolution or filter\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 16:06 |
| S35 | 99 | S34 and cdma | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 16:06 |
| S36 | 3 | S35 and ((multi adj1 path) (delay) (power)) adj1 profile\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 16:09 |
| S37 | 150 | searcher with matched adj1 filter\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 16:09 |
| S38 | 132 | S37 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 16:09 |
| S39 | 117 | S38 and cdma | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 16:10 |
| S40 | 6 | S39 and (transmit or receive) adj1 filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 16:10 |
| S41 | 106 | (filter or equalizer) with ((invert \$3 adj2 amplitude) or (power adj1 response)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 11:22 |
| S42 | 101 | S41 and (@ad<="20031222" or @pd<="20021223") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 11:20 |
| S43 | 101 | S41 and (@ad<="20031222" or @pd<="20021223") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 11:23 |

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| S44 | 10 | S43 and (odma or (spread adj1 spectrum)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 11:20 |
| S45 | 6 | receiver with ((filter or equalizer) with ((invert\$3 adj2 amplitude) or (power adj1 response))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 11:22 |
| S46 | 6 | S45 and (@ad<="20031222" or @pd<="20021222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 11:31 |
| S47 | 1 | power adj1 response with (receive or transmit) adj1 filter \$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 11:28 |
| S48 | 1 | inverted adj1 amplitude with (receive or transmit) adj1 filter \$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 11:29 |
| S49 | 13 | correlator with (receive or transmit) adj1 filter\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 11:30 |
| S50 | 12 | S49 and (@ad<="20031222" or @pd<="20021222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 11:29 |
| S51 | 4 | deconvolution with (receive or transmit) adj1 filter\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 11:31 |
| S52 | 3 | S51 and (@ad<="20031222" or @pd<="20021222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 11:35 |
| S53 | 3 | (deconvolution or deconvolv \$3) with searcher | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:02 |
| S54 | 775 | matched adj1 filter with (reduc \$3 adj1 (side adj1 lobe\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:14 |

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| S55 | 705 | S54 and (@ad<="20031222" or @pd<="20031222") | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:04 |
| S56 | 719 | S54 and (@ad<="20031222" or @pd<="20031222") | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:28 |
| S57 | 422 | S56 and (odma or (spread adj1 spectrum)) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:11 |
| S58 | 2 | S57 and deconvolution | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:05 |
| S59 | 14 | S57 and ((multi adj1 path) (delay)) adj1 profile\$1 | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:11 |
| S60 | 763 | matched adj1 filter with (reduc \$3 adj1 (side adj1 lobe\$1)) | US-PGRUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/04/26 15:15 |
| S61 | 707 | S60 and (@ad<="20031222" or @pd<="20031222") | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:15 |
| S62 | 422 | S61 and (odma or (spread adj1 spectrum)) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:16 |
| S63 | 14 | S62 and ((multi adj1 path) (delay)) adj1 profile\$1 | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:16 |
| S64 | 6645 | matched adj1 filter and (reduc \$3 adj1 (side adj1 lobe\$1)) | US-PGRUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/04/26 15:14 |
| S65 | 1 | matched adj1 filter with (reduc \$3 adj1 (side adj1 lobe\$1)) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:14 |
| S66 | 35 | matched adj1 filter and (reduc \$3 adj1 (side adj1 lobe\$1)) | US-PGRUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/04/26 15:15 |

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| S67 | 33 | S66 and ((@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:20 |
| S68 | 13 | S67 and (cdma or (spread adj1 spectrum)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:16 |
| S69 | 0 | S68 and ((multi adj1 path) (delay)) adj1 profile\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:19 |
| S70 | 1910 | ((multi adj1 path) (delay)) adj1 profile\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:19 |
| S71 | 10 | ((multi adj1 path) (delay)) adj1 profile\$1 and reduc\$3 adj1 side adj1 lobe\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:20 |
| S72 | 7 | S71 and ((@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:26 |
| S73 | 1 | deconvolution with reduc\$3 adj1 side adj1 lobe\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:27 |
| S74 | 12 | deconvolution and reduc\$3 adj1 side adj1 lobe\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:30 |
| S75 | 10 | S74 and ((@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:36 |
| S76 | 54 | filter with reduc\$3 adj1 side adj1 lobe\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:30 |
| S77 | 2 | S76 and (cdma or spread adj spectrum) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:31 |

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| S78 | 32035 | S76 and odma or (spread adj spectrum) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:31 |
| S79 | 6 | S76 and (odma or (spread adj spectrum)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:33 |
| S80 | 0 | ((multi adj1 path) or delay adj1 profile\$1 with reduc\$3 adj1 side adj1 profile\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:34 |
| S81 | 2 | ((multi adj1 path) or delay adj1 profile\$1 with reduc\$3 adj1 side adj1 lobe\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:35 |
| S82 | 16 | (receiver with matched adj filter\$3) and reduc\$3 adj1 side adj1 lobe\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:36 |
| S83 | 35465938 | 29and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 15:36 |
| S84 | 16 | S82 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:24 |
| S85 | 0 | reducing with multi adj1 path adj1 side adj1 lobe\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:22 |
| S86 | 113 | receiver and filter and (reducing with side adj1 lobe \$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:23 |
| S87 | 8 | S86 and multi adj1 path | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:29 |
| S88 | 4 | S87 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:29 |

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| S89 | 9 | S86 and ((multi adj1 path) (delay adj1 profile)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:29 |
| S90 | 4 | S89 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:31 |
| S91 | 5711 | (transmit or receive) adj1 filter \$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:31 |
| S92 | 85 | S91 and side adj1 lobe\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:31 |
| S93 | 74 | S92 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:44 |
| S94 | 26 | S93 and (cdma or (spread adj1 spectrum)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:43 |
| S95 | 39 | matched adj1 filter with side adj1 lobe\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:43 |
| S96 | 74 | S93 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:44 |
| S97 | 38 | S95 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:44 |
| S98 | 6 | S97 and multi adj1 path | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:47 |
| S99 | 4 | deconvolution with (filter\$3 and side adj1 lobe\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/26 16:48 |

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| S100 | 33 | deconvolution and reduc\$3 with side adj1 lobe\$1 | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 12:14 |
| S101 | 31 | S100 and (@ad<="20031222" or @pd<="20031222") | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 12:54 |
| S102 | 832 | (filter or equalizer) with (reduc\$3 or suppress\$3) with ((side adj1 lobe\$1) (alias\$2) (ringing)) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 12:22 |
| S104 | 0 | S103 and (multi adj1 path\$3 or (delay adj1 profile\$1)) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 12:50 |
| S105 | 3 | S103 and (multi adj1 path\$3 or (delay adj1 profile\$1)) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 12:24 |
| S106 | 3 | S103 and (multi adj1 path\$3 or (delay adj1 profile\$1)) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 12:50 |
| S107 | 54 | S102 and (cdma or spread adj1 spectrum) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 12:51 |
| S108 | 47 | S107 and (@ad<="20031222" or @pd<="20031222") | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 15:57 |
| S109 | 2 | "4571733".PN. | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 16:49 |
| S110 | 14 | filter with ((removing or suppressing) adj1 side adj1 lobe\$1) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 16:50 |
| S111 | 14 | S110 and (@ad<="20031222" or @pd<="20031222") | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 17:16 |

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| S112 | 6 | matched adj1 filter with (((transmit or receive) adj matr \$3and noise adj1 vector) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 17:04 |
| S113 | 5 | S112 and (@ad<="20031222" or @pd<="20031222") | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 17:06 |
| S114 | 0 | least adj1 square\$1 near2 multi adj1 path adj1 profile | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 17:06 |
| S115 | 0 | least with square\$1 near2 multi adj1 path adj1 profile | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 17:07 |
| S116 | 0 | least with square\$1 near2 (((multi adj1 path) (delay) adj1 profile) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 17:08 |
| S117 | 0 | least with square\$1 near2 (((multi adj1 path) (delay)) adj1 profile | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 17:08 |
| S118 | 1805 | (((multi adj1 path) (delay)) adj1 profile | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 17:08 |
| S119 | 92 | S118 and least adj1 square\$1 | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 17:08 |
| S120 | 0 | S119 and noise adj1 vector and (((transmit or receive) adj matr\$3) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 17:09 |
| S121 | 4 | S119 and noise adj1 vector | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 17:14 |
| S122 | 1 | deconvolution and (((transmit or receive) adj1 matr\$3 and noise adj1 vector) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 17:15 |

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| S123 | 7 | match\$2 adj1 filter\$3 and ((transmit or receive) adj1 matr1\$3 and noise adj1 vector) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 17:15 |
| S124 | 3 | S123 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 19:20 |
| S125 | 8 | "6177907".pn. "6269075".pn. "6144691".pn."6792031".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/27 19:21 |
| S126 | 432 | cdma and (transmit transmission) adj filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/08 12:14 |
| S127 | 19 | tran.in. and transmit adj filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/08 12:14 |
| S128 | 19 | S127 and receive adj filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/08 12:15 |
| S129 | 3 | S128 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/08 12:26 |
| S130 | 0 | deconvolution with transmit adj filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/08 12:27 |
| S131 | 3 | deconvolution with receive adj filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/08 12:30 |
| S132 | 6 | deconvolution with cdma | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/08 16:24 |
| S133 | 33 | convolution with (transmit adj filter\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/08 16:24 |

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| S134 | 28 | S133 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/08 16:25 |
| S135 | 8 | S134 and ((spread adj spectrum) cdma) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/08 16:25 |
| S136 | 2 | "20040213363" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/10 20:26 |
| S137 | 1 | S136 and filter\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/10 20:28 |
| S138 | 0 | S136 and invert\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/10 20:31 |
| S139 | 1 | S136 and response | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/10 20:36 |
| S140 | 0 | S136 and (software algorithm) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/10 21:07 |
| S141 | 1 | S136 and side adj1 lobe\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/10 21:07 |
| S142 | 78 | (demodulator receiver) with finger adj assignment\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:04 |
| S143 | 1 | S142 and deconvolution | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:05 |
| S144 | 54 | cdma and deconvolution | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:05 |

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| S145 | 12 | S144 and demodulator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:05 |
| S146 | 51 | S144 and (demodulator receiver) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:06 |
| S147 | 1 | S146 and multi adj path adj profile | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:06 |
| S148 | 13 | S146 and multi adj path | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:06 |
| S149 | 12 | S148 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:42 |
| S150 | 4 | (US-20010022807-\$ or US-20040229637-\$).did. or (US-6813309-\$ or US-6470047-\$).did. | US-PGPUB; USPAT | OR | ON | 2007/03/16 20:08 |
| S151 | 23 | least adj square\$1 with multi adj path\$1 | US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/16 20:42 |
| S152 | 19 | S151 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:49 |
| S153 | 233097 | (transmit\$3 receiv\$3) with filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:48 |
| S154 | 16777 | (transmit\$3 receiv\$3) adj filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:49 |
| S155 | 23 | S154 and multi adj path adj (profile delay) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:49 |

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| S156 | 13 | S155 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:56 |
| S157 | 0 | S156 and deconvoluiton | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:49 |
| S158 | 3 | S156 and deconvolution | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:54 |
| S159 | 4 | deconvolution with (transmit receive) adj filter\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:55 |
| S160 | 24 | deconvolution and (transmit receive) adj filter\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 20:55 |
| S161 | 21 | S160 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 23:20 |
| S162 | 3 | ("4495817" "4784147" "5309161").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 21:19 |
| S163 | 3 | (transmit receive) adj filter with (multi adj path) adj (delay profile\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 21:23 |
| S164 | 1 | "6177907".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 23:14 |
| S165 | 1 | "6862236".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 23:15 |
| S166 | 0 | S165 and amplitude | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 23:15 |
| S167 | 1 | S165 and power | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 23:15 |
| S168 | 1 | "6862326".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 23:15 |
| S169 | 0 | S168 and (power amplitude) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 23:16 |
| S170 | 1 | S168 and (transmit receive) adj filter | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 23:19 |
| S171 | 260 | cascade and transmit adj3 filter | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 23:20 |

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| S172 | 208 | S171 and (@ad<="20031222" or @pd<="20031222") | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 23:28 |
| S173 | 0 | S172 and cascade and receive adj3 filter | US-PGRUB; USPAT; USOCR | OR | ON | 2007/03/16 23:21 |
| S174 | 106 | S172 and cascade and receive adj3 filter | US-PGRUB; USPAT; USOCR | OR | ON | 2007/03/16 23:25 |
| S175 | 0 | whitening adj filter with inverted adj amplitude | US-PGRUB; USPAT; USOCR | OR | ON | 2007/03/16 23:26 |
| S176 | 0 | whitening adj filter with inverted adj amplitude | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/16 23:26 |
| S177 | 0 | whitening adj filter with power adj response | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/16 23:26 |
| S178 | 4 | filter with inverted adj amplitude | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/16 23:27 |
| S179 | 70 | filter with power adj response | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/16 23:27 |
| S180 | 0 | filter with inverted adj power adj response | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/16 23:28 |
| S181 | 69 | S179 and (@ad<="20031222" or @pd<="20031222") | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 23:28 |
| S182 | 1 | S181 and multi adj path | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 23:29 |
| S183 | 0 | transmit adj filter with inverted adj amplitude | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 23:29 |

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| S184 | 1 | receive adj filter with inverted adj amplitude | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 23:29 |
| S185 | 2 | receive adj filter and inverted adj amplitude | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 23:30 |
| S186 | 8 | receive adj filter and power adj response | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 23:32 |
| S187 | 442 | transmit and receive with (filter and matrix) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 23:33 |
| S188 | 68 | S187 and noise adj vector | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/17 11:46 |
| S189 | 1 | S188 and multi adj path with (delay profile\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 23:34 |
| S190 | 6 | filter with inverted adj response | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/17 11:49 |
| S191 | 2961 | (reduc\$3 eliminat\$3 spress \$3) with side adj lobe\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/17 11:49 |
| S192 | 4115 | (reduc\$3 eliminat\$3 suppress \$3) with side adj lobe\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/17 11:50 |
| S193 | 4331 | (reduc\$3 eliminat\$3 suppress \$3 remov\$3) with side adj lobe \$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/17 11:50 |
| S194 | 778 | (reduc\$3 eliminat\$3 suppress \$3 remov\$3) with (side adj lobe\$1 and filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/17 11:50 |

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| S195 | 19 | S194 and filter with inverted | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/17 11:51 |
| S196 | 17 | S195 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/17 11:51 |
| S197 | 778 | (reduc\$3 eliminat\$3 suppress \$3 remov\$3) with (side adj lobe\$1 and filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/17 12:14 |
| S198 | 19 | S197 and filter with inverted | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/17 12:14 |
| S199 | 17 | S198 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/17 12:14 |
| S200 | 778 | (reduc\$3 eliminat\$3 suppress \$3 remov\$3) with (side adj lobe\$1 and filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/17 16:00 |
| S201 | 19 | S200 and filter with inverted | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/17 16:00 |
| S202 | 17 | S201 and (@ad<="20031222" or @pd<="20031222") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/17 16:00 |
| S203 | 0 | "DECONVOLUTION SEARCHER FOR WIRELESS COMMUNICATION SYSTEM".ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/10 12:41 |
| S204 | 1 | "DECONVOLUTION SEARCHER".ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/10 12:49 |
| S205 | 1202 | 375/148.cds. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/10 12:50 |

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| S206 | 1 | S205 and filter with (inverted adj amplitude power adj response) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/10 12:51 |
| S207 | 0 | 375/149.ccls. and filter with (inverted adj amplitude power adj response) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/10 12:51 |
| S208 | 6 | "375"/\$.ccls. and filter with (inverted adj amplitude power adj response) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/10 12:53 |
| S209 | 0 | "375"/316.ccls. and filter with (inverted adj amplitude power adj response) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/10 12:53 |
| S210 | 0 | 375/316.ccls. and filter with (inverted adj amplitude power adj response) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/10 12:53 |
| S211 | 3 | 375/350.ccls. and filter with (inverted adj amplitude power adj response) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/10 12:54 |
| S212 | 2 | "6862326".pn. | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/10 17:03 |
| S213 | 2 | "4095225".pn. | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/10 17:04 |
| S214 | 3 | "20040213363" | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/10 17:04 |
| S215 | 7 | "6177907" | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/10 17:05 |
| S216 | 2 | "6522683".pn. | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/19 13:20 |

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|------|---------|---|--|----|-----|---------------------|
| S217 | 1 | "6862326".pn. and (reciev transmit) with filter\$1 | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/03 14:01 |
| S218 | 7608171 | e | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/03 14:01 |
| S219 | 1 | "6862326".pn. and (recieve transmit) with filter\$1 | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/03 14:02 |
| S220 | 0 | multi adj path adj profile\$1 with (noise adj vector and (transmit receive) adj matrix) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/07 21:03 |
| S221 | 0 | (noise adj vector and (transmit receive) adj matrix) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/07 21:03 |
| S222 | 1 | multi adj path adj profile\$1 with (noise adj vector and (transmit receive) adj matrix) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/07 21:03 |
| S223 | 17 | (noise adj vector and (transmit receive) adj matrix) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/07 21:05 |
| S224 | 10 | S223 and @ad<="20031222" | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/07 21:18 |
| S225 | 1 | searcher adj profile with noise adj vector | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/07 21:47 |
| S226 | 4 | tran.in. and deconvolution | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/07 21:47 |
| S227 | 17 | (noise adj vector and (transmit receive) adj matrix) | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/08 10:45 |

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| S228 | 3 | "3287695".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/27 15:45 |
| S229 | 3047 | inverse adj filter\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/27 15:48 |
| S230 | 2250 | S229 and @ad<="20031222" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/27 15:53 |
| S231 | 132 | S230 and CDMA | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/27 15:53 |
| S232 | 8 | S231 and (transmit receive) adj filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/27 15:54 |
| S233 | 2095 | inverse adj filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/10 11:22 |
| S234 | 3 | "3287695".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/10 11:27 |
| S235 | 123 | S233 and cdma | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/10 11:29 |
| S236 | 24 | S235 and multi adj path\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/10 11:29 |
| S237 | 14 | S236 and @ad<"20031222" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/10 11:30 |
| S238 | 0 | S237 and (transmit receive) adj filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/10 11:32 |

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| S239 | 6 | S237 and (matched) adj filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/10 11:33 |
| S240 | 47 | (transmit receive) adj filter and inverse adj (filter filtering) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/10 12:51 |
| S241 | 35 | S240 and @ad< "20031222" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/10 12:51 |
| S242 | 4 | (US-20030161411-\$ or US- 20010033614-\$ or US- 20030095585-\$).did. or (US- 7161972-\$).did. | US-PGPUB; USPAT | OR | ON | 2008/07/10 12:58 |
| S243 | 2 | "6862326".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 14:44 |
| S244 | 1 | S243 and response with inverse | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 14:45 |
| S245 | 484 | cascade with inverse | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 15:05 |
| S246 | 138 | cascade with (inverse and filter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 15:05 |
| S247 | 52 | S246 and inverse with (amplitude magnitude power) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 15:07 |
| S248 | 1961462 | filter with inverted adj response | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 15:22 |

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| S249 | 11 | filter with inverted adj response | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 15:22 |
| S250 | 3 | "3287695".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 15:30 |
| S251 | 3 | "6912496".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 15:38 |
| S252 | 2 | "6912496".pn. and inverse adj filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 15:38 |
| S253 | 271 | cdma and (transmit and receive) adj filter\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 15:57 |
| S254 | 0 | S234 and (multi adj path delay) adj profile\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 15:57 |
| S255 | 348 | searcher and (multi adj path delay) adj profile\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 15:58 |
| S256 | 92 | S255 and (transmit and receive matched) adj filter\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 15:59 |
| S257 | 70 | S256 and @ad<="20031222" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 15:59 |

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| S258 | 67 | S257 and (cdma spread adj spectrum) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 16:00 |
| S259 | 1 | S258 and (inverse inverted) adj filter\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 16:00 |
| S260 | 6 | searcher and (multi adj path) adj profile\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 16:05 |
| S261 | 4 | S260 and @ad<="20031222" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 16:06 |
| S262 | 2 | S261 and (transmit and receive matched) adj filter\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 16:06 |
| S263 | 115 | (transmit receive) adj filter and (inverted adj response inverted adj filter\$3 inverse adj filter\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 16:09 |
| S264 | 90 | S263 and @ad<="20031222" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 16:09 |
| S265 | 3640 | (inverted inverse) adj filter\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 11:04 |
| S266 | 185 | (inverted inverse) adj filter\$3 and CDMA | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 11:04 |
| S267 | 134 | S266 and @ad<="20031222" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 11:05 |

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| S268 | 43 | S267 and ((transmit receive) adj filter\$3 rake) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 11:05 |
| S269 | 185 | (inverted inverse) adj filter\$3 and CDMA | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 14:56 |
| S270 | 134 | S269 and @ad<="20031222" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 14:56 |
| S271 | 43 | S270 and ((transmit receive) adj filter\$3 rake) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 14:56 |
| S272 | 1 | S271 and matched adj filter with (inverse inverted) adj filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 14:57 |
| S273 | 28 | (convolution deconvolution) with (transmit and receive) adj filter\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 15:13 |
| S274 | 17 | S273 and @ad<="20031222" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 15:14 |
| S275 | 1 | S269 and (convolution deconvolution) with (transmit and receive) adj filter\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 16:34 |
| S276 | 357 | match\$3 adj filter\$3 and inverse adj filter\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 16:35 |
| S277 | 1 | S276 and (convolution deconvolution) with (transmit and receive) adj filter\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 16:36 |
| S278 | 3 | S276 and (transmit and receive) adj filter\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 16:36 |

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| S279 | 20 | transmit adj filter and inverse adj filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 17:22 |
| S280 | 18 | S279 and @ad<="20031222" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 17:23 |
| S281 | 2 | transmit adj filter and inverse adj amplitude adj complementary | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 18:25 |
| S282 | 0 | (transmit adj filter receive adj filter) with inverse adj amplitude | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 18:27 |
| S283 | 0 | (transmit adj filter receive adj filter) with inverse adj (magnitude amplitude) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 18:27 |
| S284 | 7 | (transmit adj filter receive adj filter) and inverse adj (magnitude amplitude) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 18:28 |
| S285 | 7 | S284 and @ad<="20031222" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 18:28 |
| S286 | 6 | filter with inverted adj (amplitude magnitud power) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 18:37 |
| S287 | 10 | filter with inverted adj (amplitude magnitude power) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 18:37 |
| S288 | 183 | cdma and inverse adj filter\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 18:39 |
| S289 | 17 | S288 and (transmit receive) adj filter\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 18:40 |

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| S290 | 15 | S289 and @ad<="20031222" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 18:40 |
| S291 | 2 | "6862326".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 18:58 |
| S292 | 0 | S291 and wnf with inverse | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 18:58 |
| S293 | 1 | S291 and wmf with inverse | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 18:58 |
| S294 | 1920474 | filter aj cascade | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 19:17 |
| S295 | 830 | filter adj cascade | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 19:17 |
| S296 | 620 | S295 and @ad<="20031222" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 19:17 |
| S297 | 75 | inverse adj filter with frequency adj response | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 19:25 |
| S298 | 59 | S297 and @ad<="20031222" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 19:25 |
| S299 | 6 | S298 and (cdma multi adj path \$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 19:26 |
| S300 | 214 | (transmit receive) adj filter with (equalizer equalization equalizing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 19:30 |

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| S301 | 166 | S300 and @ad<="20031222" | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 19:30 |
| S302 | 0 | sidelobes with coloration | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 20:32 |
| S303 | 308 | sidelobes with noise | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 20:52 |
| S304 | 248 | S303 and @ad<="20031222" | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/20 20:55 |
| S305 | 1402 | cdma and least adj squares | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/20 22:37 |
| S306 | 0 | cdma and least adj squares with multipath adj profile | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/20 22:38 |
| S307 | 22 | cdma and least adj squares with multipath | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/20 22:38 |
| S308 | 12 | S307 and @ad<="20031222" | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/20 22:39 |
| S309 | 5 | S308 and searcher | US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/20 22:49 |
| S310 | 4 | "6177907".pn. "6792031".pn. "20020106039" | US-PGRUB; USPAT | OR | OFF | 2009/01/02 17:20 |
| S311 | 292 | inverted adj (amplitude magnitude) | US-PGRUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/01/02 17:28 |
| S312 | 9 | filter with inverted adj (amplitude magnitude) | US-PGRUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/01/02 17:28 |

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| S313 | 27734534 | 3and @ad<="20031222" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/02 17:29 |
| S314 | 6 | S312 and @ad<="20031222" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/02 17:29 |
| S315 | 2168 | transmit adj filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/02 17:31 |
| S316 | 312 | S315 and receiver with transmit adj filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/02 17:31 |

4/30/09 7:16:49 PM

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